

WOHLMUTH, Gertrud; PERTORINI, Rezső; VEGHÉLYI, Peter

Hypothermia and hibernation. XVI. Chlorpromazine in the therapy of premature infants. Gyermekgyógyászat 10 no.1:1-11 Jan '59.

1. A Budapesti Orvostudományi Egyetem I. sz. Gyermekklinikájának (Igazgató: Dr. Gegesi Kiss Pál akadémikus), Budapest Főváros Schopf Merei Agoston Kórháza (Igazgató: Gergely Karoly dr.) Salgotarjani uti osztálya (Főorvos: Wohlmuth Gertrud dr.) a Robert Karoly uti Kórház (Igazgató: Krasznai Ivan dr.) III. Idegosztálya (Főorvos: Angyal János dr. kandidátus) közleménye.

(INFANT, PREMATURE, dis.
ther., chlorpromazine (Hun))
(CHLORPROMAZINE, ther. use
dis. of premature inf. (Hun))

SURANYI, Gyula, Dr.; WOHLMUTH, Gertrud, Dr. SZAKMÁRY, Geza, Dr.

Production, clinical evaluation and utilization of lyophilized
human milk, Gyermekgyógyászat 10 no.9:257-266 Sept 1959

1. Budapest Varosi Tanacs Schopf-Merei Agoston Korhaz (Igazgato:
Gergely Karoly dr.) Salgotarjani uti osztalya (Elorvos: Wohlmuth
Gertrud dr.) es a Phylaxia Allomi Oltoanyagtermelo Intezet (Igazgato:
Molnar Jozsef dr.) kozlemenye.
(MILK, HUMAN)

FRATER, Rose; WOHLMUTH, Gertrud

Electroencephalographic studies in prematures and newborns. Acta Paediat
Acad Sci Hung 1 no.4:279-287 '60.

1. Department of Psychiatry, University Medical School, Budapest, and
Schopf-Merei Hospital for Premature Babies, Budapest.

(ELECTROENCEPHALOGRAPHY in inf & child)
(INFANT PREMATURE physiol)
(INFANT NEWBORN physiol)

WOHLMUTH, Gertrud, dr.; KISS, Peter, dr.

Drug therapy of icterus gravis in premature infants. Gyermekgyo-
gyaszat 11 no.3:81-90 Mr '60.

1. A Schopf Merei Agoston korhas (Igaszato: Gergely Karoly dr.)
Salgotarjani utcai Osztalyanak (Foorsos: Wohlmuth Gertrud dr.)
kozlemenye.

(ERYTHROBLASTOSIS FETAL ther)
(INFANT PREMATURE dis)

BACKHAUSZ, R.; WOHLMUTH, Gertrude; KISS, P.

The significance of maternal-fetal blood group incompatibility in premature infants. Acta Paediat Acad Sci Hung 2 no.1:85-94 '61.

1. Institute for Vaccine Production and Research "Human", and Schopf-Merei Hospital for Premature Infants, Budapest.

(INFANT PREMATURE blood) (BLOOD GROUPS)
(ERYTHROBLASTOSIS FETALIS etiol)

FRATER, Rozsa, dr.; WOHLMUTH, Gertrud, dr.

Data on the electroencephalographic examination of premature and newborn infants. *Gyermekgyógyászat* 12 no.2:33-41 F '61.

1. A budapesti Pszichiatriai klinika (igazgato: dr. Nyiro Gyula)
es a Schopf-Merei Agoston korhaz (igazgato: dr. Gergely Karoly)
Salgotarjani uti osztalyanak (foorvos: dr. Wohlmuth Gertrud)
kozlemenye.

(INFANT NEWBORN physiol)

(INFANT PREMATURE physiol)

(ELECTROENCEPHALOGRAPHY in inf & child)

WOHLMUTH, Gertrud; FRATER, Rosa

Catamnestic neurological studies in icterus gravis. Acta paediat.
acad. sci. Hung. 2 no.3:173-177 '61.

1. Stadtisches "Schopf-Merei Agoston" Fruhgeborenenspital, Budapest
(Direktor: Dr. K. Gergely) und Psychiatrische Klinik (Direktor: Prof.
Dr. J. Nyiro) der Medizinischen Universitat Budapest.

(ERYTHROBLASTOSIS FETAL physiol)

(NEUROLOGY in inf & child)

(ELECTROENCEPHALOGRAPHY in inf & child)

BACKHAUSZ Richard, dr.; WOHLMUTH, Gertrud, dr.; KISS, Peter, dr.

The significance of blood group incompatibility of mother and fetus in premature infants. Gyermekgyógyászat 12 no. 5:128-138 My '61.

1. A Human Oltoanyagtermelo es Jutato Intezet(Igazgato: Veres Gabor dr.)es a Budapesti Varosi Tanacs VB. Schopf-Merei Agoston Korhaz(Igazgato: Gergely Karoly dr.) Salgotarjani utcai osztalya (Fo orvos: Wohlmuth Gertrud dr.)kozlemenye.

(BLOOD GROUPS) INFANT PREMATURE blood)

FRATER, Rozsa, dr.; WOHLMUTH, Gertrud, dr.

EEG examination of children with severe forms of icterus gravis neonatorum. Gyermekgyógyászat 12 no.11:321-327 N '61.

1. A Budapesti Orvostudományi Egyetem Pszichiatriai klinikájának (Igazgató: Nyíró Gyula dr.) és a Budapesti Városi Tanács Schopf-Merei Agoston kórháza (Igazgató: Gergely Károly dr.) Salgotarjani úti koraszülött osztályának (Főorvos: Wohlmuth Gertrud dr.) közleménye.

(ERTHROBLASTOSIS FETAL diag)

(ELECTROENCEPHALOGRAPHY in inf & child)

WOHLMUTH, Gertrud, dr.

Clinical aspects, prevention and therapy of icterus neonatorum.
Orv.hetil. 102 no.33:1542-1549 13 Ag '61.

1. Budapest Fovaros Tamassa V.B., Schopf-Merei Agoston Korhaz
Salgotarjani utcai osztalya.

(ERYTHROBLASTOSIS FETAL)

VEGHELYI, Peter, dr.; WOHLMUTH, Gertrud, dr.; SIMON, Gyorgy, dr.

Artificial hibernation; 10-year survey. Orv. hetil. 102 no.42:1969-1976
15 0 '61.

1. Budapesti Orvostudományi Egyetem, I. Gyermekklinika és a Fővárosi
Tanács Schopf-Merei Ágoston Kórház Salgotarjani úti Koraszülött Osztálya.

(HIBERNATION ARTIFICIAL)

FRATER, Rosa; WOHLMUTH, Gertrud

Electroencephalographic studies on hypoxia induced brain injuries in the newborn infant. Acta paediat. acad. sci. hung. 3 no.2:151-157 '62.

1. Psychiatrische Klinik (Director: Prof. Dr. J. Nyiro) der Medizinischen Universität, Budapest, und Stadtisches "Schopf-Merei Agoston" Frühgeborenen-Spital, (Direktor: Dr. K. Gergely) Budapest.

(ELECTROENCEPHALOGRAPHY)	(CEREBRAL ANOXIA)
(ASPHYXIA NEONATORUM)	(BRAIN DAMAGE, CHRONIC)
(JAUNDICE NEONATAL)	(PNEUMONIA, INTERSTITIAL PLASMA CELL)
(CEREBRAL HEMORRHAGE)	

GERGELY, K., dr.; WOHLMUTH, G., dr.

Premature infant care in Hungary. Ther. hung. 10 no.3/4:19-24
'62.

1. From the Municipal Schopf-Merei Agoston Hospital for Premature
Infants, Budapest.

(INFANT, PREMATURE)

ROSTA, Janos, dr.; WOHLMUTH, Gertrud, dr.

Rebound phenomenon during exchange transfusion in premature infants.
Orv. hetil. 104 no.9:401-404 3 Mr '63.

1. Budapesti Orvostudományi Egyetem, I. Gyermekklinika és Schopf-Merei Agoston Koraszülött és Koraszülött Korház, Salgotarjani uti Osztály.

(EXCHANGE TRANSFUSION)
(RH FACTOR)

(INFANTS, PREMATURE)
(ABO FACTOR)

Abstract: [Authors' Hungarian summary] During exchange transfusions using not more than 1-1 1/2 fold the circulating blood volume of the premature infants, the authors followed the changes of the serum bilirubin level. The decrease of the bilirubin level during transfusion was below that of full term infants throughout although this difference was decreasing gradually. This occurrence proves the increased rebound phenomenon of premature infants during exchange transfusion. It is explained by the authors with the different body structure and blood protein relations of the premature infants. 15 Western, 4 Hungarian references.

WOHLMUTH, Gertrud; FRATER, Rozsa

Late sequelae of prematurity. Acta paediat. acad. sci. Hung.
6 no.3/4:292-304 '65.

Electroencephalographic examination of prematurely born
school-age children. Ibid.:305-311

1. Department of Premature Infants of the Schöpf-Merei Hospital,
and Department of Psychiatry, University Medical School, Budapest.
Submitted January 11, 1965.

GAVRILAS, Nicolae, inz.; WOHLMUTH, Ferdinand, inz.

Quasistationary voltage distribution along a transformer winding
at a voltage surge. El tech obzor 51 no.7:339-341 J1 '62.

1. Ceske vysoke uceni technicke, Praha.

WOHLMUTH, R.

Agriculture

"MAGYAR MEZOGAZDASAG"

Maize stalks should be utilized by ensilage. p. 15

Vol. 10, No. 19, Oct. 1955

Monthly List of East European Accessions (EEAI), IC, Vol. 3, No. 4, April 1952
Unclass.

WOHLRAB, O.

"Groove Made By Propane Butane", P. 6, (TECHNICKE NOVINY, Vol. 2, No. 9,
May 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3, No. 12,
Dec. 1954, Uncl.

WOHLSTEIN, E.

~~Skin and rheumatism.~~ Cesk.derm. 26 no.7:261-282 1951. (CJML 21:1)

1. Of the Skin Department of State Hospital in Piestany.

WOHLSTEIN, E., Dr; KLEIBL, K., Dr

Granulomatosis disciformis chronica et progressive (Miescher)
Česk. dermat. 29 no.2:143-145 Apr '54.

1. Z Koznovenerického odd. OUNZ Píestany.
(GRANULOMA,

*granulomatosis disciformis chronic et progressiva)

WOHLSTEIN, Emanuel, Dr.

Clinical evaluation of the local galvanic skin reaction. Cesk.
derm. 24 no.6:342-346 Dec 54.

1. Prednosta kozneho oddelenia OUNZ-nemocnica v Piestanoch
(SKIN, physiology
galvanic reaction, clin. evaluation)

WOHLSTEIN, E., MUDr; STODOLA, I., MUDr

Measurement of local galvanic skin reaction. Cesk. dermat. 34 no.4:
266-268 Aug 54.

1. OUNZ- nemocnica, Piest'any
(SKIN, physiology
galvanic reaction measurement)

WOHLSTEIN, E.

Penicillin therapy of chronic acrodermatitis atrophicans. Bratisl.
lek. listy 34 no.4:426-433 Ap '54.

1. Z Kozneho oddelenia nemocnice OUNZ v Piestanoch, prednosta dr.
E. Wohlstein.

(ACRODERMATITIS ATROPHICANS, therapy,
*penicillin)

(PENICILLIN, therapeutic use,
*acrodermatitis atrophicans)

WOHLSTEIN, Emanuel, Dr.

~~Clinical significance of oscillometric examination of varicose~~
ulcers. Cesk. dermat. 31 no.3:167-170 June 56.

1. Z kozneho odd. OUNZ v Piestanoch (predn. primar MUDr.
Emanuel Wohlstein).
(VARICOSE VEINS, ulcer,
oscillometry (Cz))

WOHLSTEIN, E.; VLCEK, F.

Experience with the determination of allergens in occupational dermatoses with the aid of Wohlstein's electrodermatographic method.
Cesk. dermat. 36 no.5:299-302 Ag '61.

1. Kozne oddelenie nemocnice v Piestanoch, prednosta primar MUDr.
Emanuel Wohlstein.

(OCCUPATIONAL DERMATITIS diag)

ZASOWSKI, Andrzej; BARYLAK, Andrzej; WOHN, Andrzej

Preventive use of antibiotics in surgery. Pol. przegl. chir.
35 no.4:291-297 '63.

1. Z II Kliniki Chirurgicznej AM w Krakowie Kierownik: prof.
dr J. Oszański.

(SURGERY, OPERATIVE) (ANTIBIOTICS)

WOHNER, R.

WOHNER, R. Photogrammetry in the service of agriculture. Tr. from
the German. p. 224.

Vol. 7, No. 4, 1955.
GEODEZIA ES KARTOGRAFIA
SCIENCE
Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

WOINAR, J.

WOINAR, J. Having achieved the purpose of the 6-Year Plan we now begin the 5-Year Plan. p. 1. Vol. 12, no. 1, Jan..1956. NAFTA. Kradow, Poland.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

Wojciechowski, S.

POLON

10442* Low-Alloy Construction Steels With Boron Addition.
Nisko-stopowe stale konstrukcyjne z dodatkami boru. (Polish.)
S. Wojciechowski. *Hutnik*, v. 22, no. 1, 1953, p. 23-30.
Survey of Russian, English, German, and native articles on
contemporary production, chemical analyses of various B steels,
their uses, and effect of B on hardenability. Tables, graphs, 24
ref.

24,4100

35738
S/124/62/000/003/005/052
D237/D301

AUTHOR: Woinaroski, Rudolf

TITLE: Intrinsic method of determining the acceleration field of the points of a rigid body

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 3, 1962, 14, abstract 3A95 (Bul. Inst. petrol, gaze și geol., 1960, 6, 371 - 385)

TEXT: Let \underline{r}_A , \underline{r}_B be radius vectors of two points A and B of an absolutely rigid body. By differentiating the equality $(\underline{r}_A - \underline{r}_B)^2 = \text{const.}$ twice, the author obtains the relation between the velocity vectors and accelerations of the points A and B, which is: $\underline{a}_B \cdot \overline{AB} = \underline{a}_A \cdot \overline{AB} - (\underline{v}_B - \underline{v}_A)^2$, and shows that it is not only necessary, but also sufficient for the vectors \underline{a}_A and \underline{a}_B to be the accelerations of the points A and B of an absolutely rigid body. The author also gives the method of obtaining covariant components of the tensor of

Card 1/2

Intrinsic method of determining

S/124/62/000/003/005/052
D237/D301

the instantaneous angular acceleration of an absolutely rigid body,
if vector velocities and accelerations of three non-coplanar points
of the body are known. [Abstractor's note: Complete translation].

Card 2/2

WOINAROWSKA, M.

POLON

4

2. Sulfonate esters of hydrolyzed dextran (preliminary report). Kozłowski, Zakrzewski, and M. Woinarowska (Inst. Hematol., Warsaw). *Acta Biochim. Polon.* 13: 285-311 (1954).—Dextran: fractions of mol. wt. 11,500-39,000 sulfonated in pyridine for 3-4 hrs. (cf. Riekets, C.A. 46, 6723f) gave a product contg. not more than 2.8 sulfonyl groups/glucose mol. Longer sulfonation caused changes in dextran structure. The heparin-like activity of the products was greater the greater the sulfonation; the best product had 1/2 the activity of cryst. heparin. A slight nonspecific toxicity was assoc. with the highest mol. wt. products contg. the highest no. of SO₂ groups. I, Z, R.

MT 824

WOJNOWSKY-KRIEGER, S.

Industriellen
A Review of Technical
Information
Vol. 10 No. 2
Feb. 1957
Mechanics--
General

10/102

0

531.224 :624.023.731

On the Application of the Mellin
Transformation to the Solution of
a Problem of Plate Bending

Ingen.-Arch.
20(6):391-397
1952

S. Woinowsky-Krieger

Germany

The Mellin transformation is used to help to obtain a solution of the problem of the stress distribution in the corner of a thin plate with any opening angle and any boundary conditions along the two intersecting plate edges, by considering those edges as being infinitely long. To illustrate the method of application, an infinitely long wedge shaped plate of any intersecting angle is discussed. (Bibl.5)

31
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INK

54
12-54

Woi Tas, R.

Woi Tas

3

3504 661.632.722:631.815.2

Idlyński T. Woi Tas R. On the Method of Estimating the Fertilizer Value of the New Polish Magnesium Thermophosphate.

„Z badań nad metodyką oceny, wartości nawozowej nowego krajowego termofosfatu magnezowego”. Przemysł Chemiczny. No. 8, 1934, pp. 415-417, 1 fig., 2 tabs.

POL. 3

The influence of ratio: substance-solvent on the solubility of basic slag, calcinated phosphate, and the new Polish magnesium thermophosphate (produced by the Sulphuric Acid and Phosphate Fertilizers Institute) in 2% citric acid. It is confirmed that the existing method of P. Wagner, satisfactory for calcinated phosphate, should be modified for magnesium thermophosphate, by extending the substance-solution ratio from 1:100 to 1:200, this being an essential condition for the stabilization of the quantity of phosphorus soluble in citric acid in the new phosphate fertilizer.

gaw
ms

BOGUCKI, M.; WOITCZAK, A.

Contractility of isolated muscles of *Nereis diversicolor* cultured in hypotonic media. *Polskie arch hydrobiol* 10:231-239 '62.

1. Nencki Institute of Experimental Biology, Warsaw.

POLAND / General Division. The Conservation of Nature A-5

Abs Jour: Ref Zhur-Biologiya, No 5, 1958, 18902

Author : Woiterski Teofil

Inst : —

Title : Koshubskiy National Park

Orig Pub: Cronmy przyr. ojcz., 1957, 13, No 3, 22-39

Abstract: A description of nature in the littoral of the Baltic Sea between Lake Leba and Gardno (Poland) with a strongly developed dune landscape, where it is being proposed to organize a reserve. Maps and photographs are given. A bibliography of 23 titles.

Card 1/1

WOITITZ, P.

WOITITZ, P. New method of organizing production lines in the clothing industry.

p. 355.

Problems of our professional language. p. 356.

No. 9, Sept. 1955.

MAGYAR TEXTILTECHNIKA.

TECHNOLOGY

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956

PSENAK, M.; WOITOWITZ, D.; KOVACS, P.; JINDRA, A., prof. Dr.Mr.,
(Bratislava, Kalinciakova 8)

Sugar in wood avens (*Geum urbanum*). Cesk. farm. 14 no.8:397-401
0 165.

1. Katedra biochemie a mikrobiologie Farmaceutickej fakulty
Univerzity Komenskeho, Bratislava. Submitted June 4, 1965.

WOLITYSIK, A.

BC

Influence of fertilizers on the chemical composition of the yellow lupin. A. WOLITYSIK (Rost. Nauk. Ross. Fed., 1937, 28, 171-204). Lupins were grown in soils which had received the latest annual fertilizer treatment for 10 years, but from which N and CaO were withheld in the experimental series. K + N fertilizers increased yields, whereas P + N or the addition of P to the K + N series produced the reverse effect. The protein content of plants receiving P + N was > in those receiving P + K or K + N. Fertilizer treatment (especially P + N) modified the ratio total N/protein N and, notably with K + N, lowered the alkaloid content. The K content of plants receiving K + N, P + K, or N + P + K was > in those receiving CaO + N + P + K. The latter treatment increased the Ca content of plants, and P, in all fertilizer combinations examined, increased the P content.

A. G. P.

B-2-1

WOJ, J.

New work of our constructors. p. 8.
(Skrzydlate Polska, Vol. 13, No. 24, June 1957, Krakow, Poland)

SO; Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug. 1957. Uncl.

Running striations of small amplitude in the argon low-pressure discharge. Karl Wolaczek, *Acta Phys. Acad. Sci. Hung.* 11, 35-46 (1960) (in German); cf. *CA* 52, 19471d; 53, 10976g. —Running striations are generated at pressures from 0.2 to 4 mm. in a tube 3.1 cm. in diam. by impulse discharges each lasting for 10 μ sec. and with amplitude 1 kv. The width of the striation depends linearly on its frequency, and above the limiting current depends but little on the current; it amounts to between two and six times the radius of the tube. The amplitude of the striation is an exponential function of the distance from the anode. The frequency of the striation can, between certain limits, be chosen at will, and in calcns. is to be considered as a free parameter. The amplification d is a function of current and frequency, and shows a max. d_0 at that frequency at which natural running striations are observed for currents below the limiting current. A diagram of d_0 plotted against the discharge current is given. $d_0 = 0$ near the limiting current and $d_0 = 0$ for currents below the limiting current. These exptl. results are accounted for in the theory and result in a better agreement between the calcd. and the exptl. curves of amplification vs. frequency and striation width vs. frequency.

C. Olivier-Rutgers

1. Deutsch Akademie der Wissenschaften zu Berlin, Physikalisch-Technisches Institute, Berlin. Vorgelegt von G. Szigeti.

WOJACZYNSKA-SZADOWSKA, Anna; WIERCINSKI, Jaroslaw

Angioma of the central nervous system; based on 3 autopsies.
Neur. &c. polska 8 no.1:93-107 Jan-Feb '58

1. Z Zakladu Anatomii Patologicznej A.M. w Lodzi, Kierownik: prof.
dr med. A. Pruszczyński.

(ANGIOMA, pathol.

vasc. histopathol. of CNS angiomas (Pol))

(CENTRAL NERVOUS SYSTEM, neoplasms

angioma, vasc. histopathol. (Pol))

BOROWICZOWA, K. ; JANUSZEWSKA, W. ; ~~WOJACZYNSKA-SZADOWSKA, A.~~

Malignant neoplasm of the right orbit in an infant. Pat.polska
11 no.3:293-300 '60.

1. Z I Kliniki Chorob Dzieci AM w Lodzi, Kierownik: prof.dr
E.Wilkoszewski. Z Zakladu Anatomii Patologicznej AM w Lodzi,
Kierownik: prof.dr A. Pruszczyński.
(ORBIT neopl)

WOZNIAK, L.; WOJACZYNSKA-SZADOWSKA, A.; ZAWADZKA, K.

Morphogenic studies on congenital heart defects. Kardiologia polska
4 no.4:273-289 '61.

1. Z Zakładu Anatomii Patologicznej AM w Łodzi Kierownik: prof. dr
A. Pruszczyński.
(HEART DEFECTS CONGENITAL etiol)

WOJACZYNSKA-SZADOWSKA, A.; WOZNIAK, L.; ZAWADZKA, K.

Congenital heart defects in the autopsy material of the J.Korczak Hospital in Lodz. Kardiologia Polska 4 no.4:291-299 '61.

1. Z Zakladu Anatomii Patologicznej AM Kierownik: prof. dr A.Pruszczyński i Szpitala im. J.Korczaka w Lodzi Dyrektor: dr Z. Pszenicka-Gundlachowa.

(HEART DEFECTS CONGENITAL statist)

KOTNOWSKA-RAPACKA, W.; SRO CZYNSKI, K.; WOJACZYNSKA-SZADOWSKA, A.

Histopathological changes in vascular walls and perivascular tissues in rabbits during starvation. *Pediat. pol.* 36 no.8:809-819 '61.

[1. Z I Zliniki Chorob Dzieci AM w. Lodzi Kierownik Katedra: prof. dr med F. Redlich Kierownik Kliniki: doc. dr med. K.Sroczynski i z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik: prof. dr med. A. Pruszezynski.
(BLOOD VESSELS pathol) (STARVATION exper)

WYGODZKA-LIPSKA, Jadwiga; WOJTYNIAK, Barbara; WOJACZYNSKA-SZADOWSKA, Anna

Chondroangiopathia calcarea seu punctata. Report of a case. Pol. przegl. radiol. 26 no.1:1-8 '62.

1. Z Zakladu Radiologii AM w Lodzi Kierownik: vacat i z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik: prof. dr med. A. Pruszczyński.

(CARTILAGE dis) (INFANT PREMATURE dis)

WOJACZYNSKA-SZADOWSKA, A.

A case of myocardial infarction in a 12-month-old infant. Kardiol.
Pol. 5 no.2:129-134 '62.

1. Z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik: prof. dr
A. Pruszczyński.

(MYOCARDIAL INFARCT in inf & child)

GOLDSTEIN, L.; JUDKIEWICZ, L.; WOJACZYNSKA-SZADOWSKA, A.

Agensis of the spleen with developmental anomalies of the
heart (Ivemark's syndrome). Kardiol. pol. 6 no.2:135-139 '63.

(SPLEEN) (ABNORMALITIES)
(HEART DEFECTS, CONGENITAL)
(SITUS INVERSUS)

WOJACZYNSKA-SZADOWSKA, Anna; ZAWADZKA, Krystyna

Neoplastic tumors of the thymus in children. Pat. pol. 14
no.3:379-386 '63.

1. Z Zakladu Anatomii Patologicznej AM w Lodzi Kierownik:
prof. dr med. A. Pruszczyński.
(THYMUS NEOPLASMS) (THYMOMA) (PATHOLOGY)

MICHALSKI, J.; WOJACZYNSKI, K.; ZAJAC, H.

Reaction between N,N' -dioxide of 1,3-di-(2'-pyridyl)-propane and acetic anhydride. Bul chim PAN 8 no.6:285-289 '60.

(EEAI 10:9/10)

1. Department of Organic Chemistry, Institute of Technology, Lodz.

(Nitrogen oxides)	(Pyridinum compounds)
(Propane)	(Anhydrides)

MICHALSKI, J.; WOJACZYNSKI, K.; ZAJAC, H.

On the mechanism of formation of 3-(2'-pyridyl)-pyrrocoline from some 1,3-di-(2'-pyridyl)-propane derivatives. *Bul chim PAN* 9 no.6:401-404 '61.

1. Department of Organic Chemistry, Technical University, Lodz. Presented by O. Achmatowicz.

WOJAKIEWICZ, Zbigniew

The Jastrzebie coal mine. Wiadom gorn 13 no.12:427-430 D '62.

CWYNAR, St.; SIEDJĘKA, J.; KRASOWSKA, J.; KOWALCZUK, Wl.; CHŁOPICKI, K.;
WOJAKOWSKI, A.; MATIAS, K.; ROSPOND, J.; KASPROWICZ, Wl.

Blood clotting time as a directional index of the dynamics of nervous
processes in various forms of schizophrenia, epilepsy & mental deficiency.
Neur. &c. polska 7 no.6:877-893 Nov-Dec 57.

1. Zespół Kliniki Psychiatrycznej Sl. A. M. w Lublinie. Kierownik:
prof. dr St. Cwynar. Klinika Psychiatryczna Śląskiej Akademii Medycznej,
Lubliniec u. Grunwaldzka 48.

(SCHIZOPHRENIA, blood in
clotting time, diag. value of determ. (Pol))

(EPILEPSY, blood in
same)

(MENTAL DEFICIENCY, blood in
same)

(BLOOD COAGULATION, determ.
clotting time in schizophrenia, epilepsy & ment. defic.,
diag. value (Pol))

L 11101-66 EWT(1)/EWT(m)/T/EWP(t)/ETI IJR(o) AI/ID
 ACC NR: AP6027759 SOURCE CODE: GE/0030/66/016/002/K129/K131

AUTHOR: Zdanowicz, W.; Wojakowski, A.

ORG: Institute of Structural Research, Polish Academy of Sciences,
 Wroclaw

TITLE: Semiconducting properties of CdP₄

SOURCE: Physica status solidi, v. 16, no. 2, 1966, K129-K131

TOPIC TAGS: semiconducting material, thermoelectric power, resistivity,
 Hall constant, CADMIUM COMPOUND, PHOSPHORUS, POLYCRYSTAL

ABSTRACT: The semiconducting properties of CdP₄ were investigated by means of electrical and optical measurements. CdP₄ was obtained by saturating CdP₂ or Cd₃P₂ with phosphorus vapors at a pressure of 6 to 10 atm. The synthesis was carried out in evacuated silica tubes containing CdP₂ or Cd₃P₂ at one end (the temperature of this zone was about 700C) while red phosphorus was placed in the other end (the temperature of this zone was about 500 to 540C). Thrice-distilled phosphorus and cadmium purified by zone melting were used. In this way CdP₄ was obtained in bulk polycrystalline form or as small, well-formed single crystals. The resistivity, Hall constant, and thermoelectric power for both poly- and monocrystalline CdP₄ specimens were measured

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L 41101-66

ACC NR: AP6027759

in the temperature range from 100 to 600K. CdP₄ was found to be a p-type semiconductor. Its resistivity for both poly- and monocrystalline specimens at 300K is of the order of 2 to 8 ohm-centimeter. The Hall constant for polycrystalline material at 300K is $R_H = 400 \text{ cm}^3/\text{C}$ ($p = 2 \times 10^{16} \text{ cm}^{-3}$). The thermoelectric power α of polycrystalline CdP₄ is about 600 $\mu\text{V}/^\circ\text{C}$ at 300K. The optical measurements were carried out at room temperature using large polycrystalline CdP₄ specimens 0.15 and 0.25 mm thick. The transmittance and reflectivity were measured from 0.5 to 3 μm . The maximum value of the absorption coefficient was 600 cm^{-1} , decreasing beyond the absorption edge to about 150 cm^{-1} . The width of the forbidden band $\Delta E_{\text{opt}} = 1.0 \text{ eV}$. The above value is in satisfactory agreement with those estimated from measurements of the resistivity and Hall constant. The authors express their sincere thanks for the help and interest of Professor W. Trzebiatowski, who supervised these investigations. Orig. art. has: 1 formula and 2 figures. [JA]

SUB CODE: 20/ SUBM DATE: 21Jun66/ ORIG REF: 002/ OTH REF: 002
SOV REF: 001/ ATD PRESS: 5057

Card 2/2 hs

WOJAKOWSKI, Ignacy

Case of de Quervain's disease. Pol. tyg. lek. 20 no.35:1337-1338
30 Ag '65.

1. Z Oddziału Chirurgii Urazowej i Ortopedii Szpitala im. Ludwika
Rydygiera w Częstochowie (Ordynator: lek. med. Ignacy Wojakowski).

WOJAKOWSKI, IGNACY

MATUSEWICZ, Mirosław; WOJAKOWSKI, Ignacy; ZIOLKOWSKA, Maria

Scoliosis in children in urban & rural areas. Chir. narz. ruchn 22
no.2:121-123 1957.

1. Z Oddziału Ortopedyczno-Urazowego Miejskiego Szpitala im.
Wł. Bieganskiego w Częstochowie Ordynator: dr Z. Teleszynski. Częstochowa,
ul. Mickiewicza 12, Szpital im. Wł. Bieganskiego.

(SCOLIOSIS, in inf. & child
incidence in child. in urban & rural areas, comparison
(Pol))

(RURAL CONDITIONS,
incidence of scoliosis in child., comparison with child.
from urban areas (Pol))

WOJAKOWSKI, Ignacy

A case of a complete traumatic dislocation of the foot in relation to the talus. Chir.narząd. ruchu ortop. pol. 29 no.1:49-51 '64

1. Z Oddziału Chirurgii Urazowej i Ortopedii Szpitala Miejskiego im. L. Rydygiera w Częstochowie; ordynator: lek.med. J. Wojakowski.

*

WOJAKOWSKI, J.

"An Analysis of the Development of the Industrial Management Movement in Automobile Establishments at the End of 1952" p. 12 (Technika Motoryzacyjna, Vol. 3, No. 1, Jan. 1953, Warszawa)

SO: Monthly List of EastEuropean Accessions, Vol. 3, No. 2, Library of Congress, February, 1954, Uncl.

PZ-1 IUP/1/ESU/25/AF41, AS EP -
p/1964/1/001004/0165/0171

AUTHOR: Wojas, Jozef

TITLE: Method for obtaining monochromatic current-voltage characteristics in analysis of external photoelectric effect

SOURCE: Przegląd elektroniki, no. 4, 1964, 165-171

TOPIC TAGS: semiconductor, HgSe semiconductor, HgTe semiconductor, solid state physics, decelerating field, photoelectric effect, external photoelectric effect, photoelectron, photoelectric current, monochromatic characteristic

ABSTRACT: When the mechanism of an external photoelectric effect is tested by the de-
notation $\epsilon(\nu)$ should be denoted for var-

Card 1/3

L 105 -
ACCESSION NR: AP4038543

task when low-efficiency compounds are tested. Author proposes an original method for monochromatic photocurrent characteristic as a function of voltage, obtained during the testing of external photoeffect from low-efficiency emitters. The method is based on making use of the accelerating field in a spherical capacitor.

$$\frac{1}{S} (I_{\sigma} - I_{\sigma_{\text{ref}}}) = B_1 X_1 + B_2 X_2 + B_3 X_3 + B_4 X_4$$

$$I_{\sigma} - I_{\sigma_{\text{ref}}} = C_1 X_1 + C_2 X_2 + C_3 X_3 + C_4 X_4$$

$$I_{\sigma} - I_{\sigma_{\text{ref}}} = D_1 X_1 + D_2 X_2 + D_3 X_3 + D_4 X_4$$

23

I 10533-05

ACCESSION NR: AP4038543

where S is the surface of the tested emitter. Orig. art. has: 7 figures.

ASSOCIATION: Katedra Fizyki Wydziału Chemicznego Politechniki Warszawskiej
(Department of Physics of the Chemical Faculty, Warsaw Polytechnic Institute)

ASSOCIATION: Katedra Fizyki Wydziału Chemicznego Politechniki Warszawskiej
(Department of Physics of the Chemical Faculty, Warsaw Polytechnic Institute)

SUBMITTED: 08Nov63

ENCL: 00

SUB CODE: EM, OP

NO REF SOV: 000

OTHER: 001

SEROCZYNSKA, Bozena; WOJAS, Jozef

Physical and technical principles of the surgical application
of high frequency waves. Pol. przegl. chir. 36 no.1:87-101
Ja '64.

X

L 39036-66

ACC NR: AP6018289

SOURCE/CODE: PO/0053/65/000/011/0528/0533

AUTHOR: Wojas, Jozef

ORG: "C" Physics Department, Warsaw Polytechnical Institute (Katedra Fizyki "C", Politechnika Warszawska)

TITLE: Measurements of absolute light intensity and absolute quantum yield

SOURCE: Przegląd elektroniki, no. 11, 1965, 528-533

TOPIC TAGS: quantum yield, light energy, UV light source, thermoelectric convertor, semiconducting material, metal property

ABSTRACT: The author discusses a method for using ultraviolet light sources to measure photoelectric quantum yield in absolute units. The quantum yield is determined in electrons per quantum from measurements of the saturation current of photoelectric emission and the intensity of the incident radiation. Vacuum thermal converters made by Zeiss were used as radiation detectors. Two types of thermal converters were used with the following technical data: 1. Thermal converter No. 61896—type Vth1/3643, 53 AM; input window made of quartz with a receiving area of 1 mm²; sensitivity 11.4 v/w; total resistance 43.3 Ω; time constant 50 msec; figure of merit M=0.36; 2. Thermal converter No. 117771—type Vth1/3643, 53 AM; input window made of quartz with a receiving area of 1 mm²; sensitivity 9.2 v/w; total

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UDC: 535.24

i. 37057-56

ACC NR: AP6018289

resistance 35.2 Ω ; time constant 26 msec; figure of merit $M=0.45$. The photoelectric current was measured by placing the specimen in an evacuated spherical condenser and exposing it to radiation in the given wavelength range. The absolute intensity of this radiation is measured. The experimental equipment used for these measurements is described. A method is discussed for determining the sensitivity of thermal converters for radiation at $\lambda=2537$ A from a source powered by a-c voltage and the experimental equipment used in this method is described. If measurement conditions are properly selected and consideration is given to the sensitivity of the measuring equipment and the thermal converters, a quantum yield of as little as 10^{-9} electrons per quantum may be measured in semiconductors and metals. The proposed method may also be used for calibrating light sources for intensity distribution. An example is given showing the characteristics of the Philips HPW 125 lamp. Orig. art. has: 7 figures, 5 formulas.

SUB CODE: 20/ SUBM DATE: 10Apr65/ ORIG REF: 003

Card 2/2 MLP

L 07167-67 EWT(1)/EWP(t)/ETI IJP(c) AT/JD

ACC NR: AP6029336

SOURCE CODE: PO/0047/66/017/003/0317/0329

AUTHOR: Wojas, Jozef 26
B

ORG: General Physics Department "C," Warsaw Polytechnic School (Katedra Fizyki Ogolnej "C" Politechniki Warszawskiej)

TITLE: Review of the physical properties of some new semiconductors from groups II-VI and IV

SOURCE: Postepy fizyki, v. 17, no. 3, 1966, 317-329

TOPIC TAGS: selenide, telluride, mercury compound, semiconductor band structure

ABSTRACT: The article reviews published data on the technology of production and physical properties of mercury selenide H₂Se and telluride HgTe. The methods of synthesis and purification of these compounds are described. The discussion of the physical properties includes a comparison of values obtained by various authors for the lattice constant a , electric conductivity, Hall constant, electron and hole concentration and mobility, type of conductivity and forbidden gap width. The band structure is also discussed. Silicon carbide and gray tin are briefly reviewed. Author is deeply grateful to Prof. Dr. S. Szczeniowski for reading the typescript of the article and useful remarks. He also thanks Doc. Dr. M. Subotowicz for suggestions and comments during the initial period of studies of photoelectric phenomena in semiconductors. Orig. art. has: 6 figures and 1 table.

Card 1/2

L 07167-67

ACC NR: AP6029336

SUB CODE: 20/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 011
SOV REF: 001

Card 2/2 m/e

KOZLOWSKI, Jan; WOJAS, Kazimierz; ZONZYBLOWSKI, Antoni

Gutanecus zocnosas. Przeg. . ocm. 51 no.1361-70 Ja-P '64

1. Z Środka Szkolenia Dermatologii Studium Doskonalenia
Lekarzy w Bydgoszczy (Kierownik: dr. med. J. Kozłowski).

WIERZUCHOWSKI, M.; GOGOLEWSKI, S.; LESNIAK, B.; WYCZOLKOWSKA, J.; WOJAS, Z.

Pancreas in immediate regulation of blood volume during
hyperosmolality. Bul Ac Pol biol 10 no.12:559-563 '62.

WIERZUCHOWSKI, M.; LESNIAK, H.; GOGOLEWSKI, S.; WOJAS, Z.; SZYCHOWSKI, W.
WYCZOLKOWSKA, J.

Early and late edema of pancreas during glucose hyperosmolality.
Bul Ac Pol biol 11 no.2:99-103 '63.

1. Institute of Physiology, Lodz, Polish Academy of Sciences.

WOJASZEK, T.

Trends in the development of studies on plant physiology in Hungary. p. 73.

WIADOMOSCI BOTANICZNE. (Polskie Towarzystwo) Krakow, Poland.
Vol. 3, no. 2, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

"APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710008-8

APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001961710008-8"

WOJATSCHEK, Karl

Chemical Abstracts
May 25, 1954
Dyes and Textile Chemistry

Shrink-resist finishing of wool yarn with sodium hypochlorite. Karl Wojatschek. *Melliand Textilber* 35, 64-5 (1954).--Wool was shrinkproofed in a soln. contg. NaClO (0.05-0.1% Cl) at room temp., followed by slow acidification with 5-10 ml./l. HCl and aftertreatment with bisulfite. Various acid and chrome dyes which resist moderate chlori-
B. Lustig.

10-12-54
mf

POLAND/Pharmacology and Toxicology. Tranquilizers

V-2

Abs Jour : Ref Zhur - Bioli, No 10, 1958, No 47130

Author : Wojciechowska H., Norska I.

Inst : -

Title : Iargaktyl in the Treatment of Birth Traumas of the Newborn

Orig Pub : Ginekol. polska, 1957, 28, No 4, 489-496

Abstract : No abstract

Card : 1/1

L 19441-63

BDS

ACCESSION NR: AP3007377

P/0034/63/000/009/0381/0383

AUTHOR: Wojciak, Andrzej (Master of Engineering)

~~8~~ B

TITLE: Cyclic integrator as a converter of the average value of a wave

SOURCE: Pomiar, automatyka, kontrola, no. 9, 1963, 381-383

TOPIC TAGS: integrating circuit, integrating network, cyclic integrator, average wave value, converter, integrator

ABSTRACT: A converter permitting direct observation of changes in the average value of a wave has been developed at the Department of Electric-Drive Mechanisms, Warsaw Polytechnic Institute. The converter is a cyclic integrator (Fig. 1 of Enclosure). A signal is applied to the integrator input terminals and, after being amplified, is divided between two branches. Each of the latter is provided with integrating and differentiating networks as well as a gate circuit. During the second half of each period of the sinusoidal control voltage, an input signal is supplied to

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L 19441-63

ACCESSION NR: AP3007377.

each of the branches. The integrator networks are alternately short-circuited by the gates. During the short-circuiting, the capacitor of the integrator network discharges through the gate resistor. The voltage waveform is differentiated by the differentiating network of the respective branch, and a voltage pulse appears at the output terminals of the integrator. During the next half-period of the control voltage, a similar pulse is formed in the second branch of the system. The shape of the resulting waveform is displayed on an oscilloscope. The 1C-3 version of the cyclic integrator was designed to investigate transducers and thyatron devices and is based on ECC-85 tubes. Some technical data of the integrator are as follows: input impedance, 1 Mohm; amplifier input voltage, from -4 to +105 v; maximum input voltage of the integrator, +500 v; maximum output voltage, 1.5 v; maximum control voltages, 50 v at 400 cps, 150 v at 150 cps, and 250 v at 50 cps; and control current consumption, 3.5 mamp. Orig. art. has: 8 figures, 3 formulas, and 1 table.

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L 19441-63

ACCESSION NR: AP3007377

ASSOCIATION: Politechnika Warszawska. Katedra Napędu Elektrycznego
(Warsaw Polytechnic Institute, Department of Electric-Drive
Mechanisms)

SUBMITTED: 00

DATE ACQ: 09Oct63

ENCL: 01

SUB CODE: SD

NO REF SOV: 000

OTHER: 004

Card 3/43

WOJCIAK, Kazimierz, mgr.

From the experiences of the Communication Equipment Factory
in Rzeszow in the field of technical labor standardization.
Przegl mech 20 no.19/20:624-627, '61.

1. Wytwornia Sprzetu Komunikacyjnego, Rzeszow.

WOJCIAK, Marian; CHUDY, Jan

Studies on keratins. Digestion and assimilation of keratin hydrolysates and horn meal by minks. Acta physiol.polon. 11 no.3:439-446 My-Je '60.

1. Z Katedry Zywienia Zwierzat Wyzszej Szkoły Rolniczej w Olsztynie
Kierownik: prof. dr J.Dubinski. i z Katedry Fizjologii Zwierzat
Wyzszej Szkoły Rolniczej w Olsztynie Kierownik doc. dr
W.Minakowski.

(KERATINS nutrition & diets)

WOJCIAK, Marian; ZEBROWSKA, Teresa

Studies on keratins. Pt.10. Roczniki nauk roln zootechn 84 no.1:
41-49 '64.

1. Department of Animal Feeding of the School of Agriculture
Olsztyn. Head:[prof. dr] Jozef Dubliski.

WOJCIAK, Marian

Biological value of the protein in some feeding stuffs of animal origin used in poultry feeding. Zesz probl post nauk roln no.41:23-34 '63.

1. Katedra Zywienia Zwierzat, Wyzsza Szkola Rolnicza Olsztyn.
Kierownik: prof. dr Jozef Dubiski.

WOJCIAK, Marian

Biological value of protein in cereals fed in doses to poultry.
Zesz probl post nauk roln no. 54:65-68 '64.

Biological value of protein in high-protein feed as determined by
biological and chemical tests. Ibid. 69-74

1. Department of Animal Feeding of the School of Agriculture,
Olsztyn-Kortowo.

WOJCIAK, T.

Results of streptomycin therapy of early tuberculosis in children.
Pediat. polska 27 no.12:1423-1432 Dec 1952. (CML 24:2)

1. Of Poznan Municipal Pediatric Hospital (Director--M. Szenic, M.D.;
Head Physician--T. Skalmowski, M.D.).

WOJCIAK, T.;WOJCIECHOWSKA, M.;DOBEK, M.;SUSZKO, K.

Effect of phasin in preparation of serum agglutinins of high quality. Med. dosw. mikrob. 4 no.4:441-454 1952. (CML 23:4)

1. Of the Institute of Pharmacology and of the Institute of Medical Microbiology of Poznan Medical Academy.

WOJCIAK, Tadeus z

DOBEK, Maria; KOTELBA, Ryszard; WOJCIECHOWSKA, Maria; WOJCIAK, Tadeusz

Evaluation of preserving fluids by determination of agglutinin level during blood preservation. Poznan. Tow. przyjaciel nauk. Wydz lek. 11 no.1:25-31 1954.

1. Z Zakladu Mikrobiologii Lekarskiej Akad. Med. w Poznaniu, Kier. prof. J.Adamski. 2. Z Zakladu Farmakologii Akad. Med. w Poznaniu. Kier. prof. J.Dadlez. 3. Ze Stacji Krwiodawstwa w Poznaniu, Kier. dr R.Fidelski.

(BLOOD TRANSFUSION,

*preserved blood, qualitative evaluation of solutions used in preserv.)

BEDRYNSKA-DOBEK, Maria; SUSZKO, Kazimiera; WOJCIECHOWSKA, Maria;
WOJCIAK, Tadeusz

Effect of phasin as a non-specific stimulus in immunization of
rabbits against diphtheria. Poznan. Tow. przyjaciel nauk. wydz.
lek. 14 no.1:37-44 1956.

1. Z Zakladu Mikrobiologii Lekarskiej (Kier.: Prof. dr.
L. J. Adamski) i Zakladu Farmakologii (Kier.: Prof. dr.
J. Dadlez) Akademii Medycznej w Poznaniu.

(DIPHTHERIA, immunology,

phasin as non-specific stimulus in immun. in rabbits (Pol))

(HEMAGGLUTINATION,

same)

Wojciak, Tadeusz

BEDRYNSKA-DOBEK, Maria; KOTELBA, Ryszard; WOJCIECHOWSKA, Maria;

~~WOJCIAK, Tadeusz~~

Agglutinin level in preserved human blood. Poznan. Tow. przyjaciol
nauk, wydz. lek. 14 no.1:45-52 1956.

1. Z Zakladu Mikrobiologii Lekarskiej (Kier.: Prof. dr.
J. Adamski) i Zakladu Farmakologii (Kier.: Prof. dr. J. Dadlez)
Akademii Medycznej w Poznaniu.

(BLOOD, PRESERVED,

agglutinin level (Pol))

(ANTIBODIES,

agglutinin in preserved blood (Pol))

DOBEK, Maria, FOJUDZKI, Edmund, WOJCIAK, Tadeusz

Effect of storage conditions on activity of aureomycin solutions used
for intravenous injections. Ped.polska 33 no.3:315-325 Mar 58

1. Z Zakladu Mikrobiologii Lekarskiej A.M. w Poznaniu Kierownik:
prof. dr med. J. Adamski Z I Kliniki Chorob Dzieciacych A.M. w Poznaniu
Kierownik: prof. dr med. T. Rafinski Z Zakladu Farmakologii A.M.
w Poznaniu Kierownik: prof. dr med. J. Dadlez. Adres: Poznan, ul.
Magdaleny 14, Klin. Chorob Dzieciacych A.M.

(CHLORETRACYCLINE, admin.

intravenous, eff. of storage conditions on activity
of solutions (Pol))

WOJCIAK, Tadeusz

Sympathetic embryonic ganglioneuroma in an infant. Pat.polska 11
no.3:313-322 '60.

1. Z II Kliniki Chorob Dziecięcych Akademii Medycznej w Poznaniu,
Kierownik: Doc.dr Olech Szczepski. Z Zakładu Anatomii Patologicznej
Akademii Medycznej w Poznaniu, Kierownik: Prof.dr J.Groniowski.
(NEUROBLASTOMA in inf & child)
(INFANT NEWBORN neopl)

CHODERA, A.; WOJCIAK, T.

Experimental studies on the behavior of amino acids and proteins in the blood serum in hypoglycemic shock. Acta physiol Pol 12 no.5: 681-692 '61.

1. Z Zakladu Farmakologii A. M. w Poznaniu Kierownik: prof. dr J. Dadlez.

(HYPERINSULINIMS blood) (BLOOD PROTEINS)
(AMINO ACIDS blood)

WOJCIAK, Tadeusz

Histopathological studies on the mucous membrane of the middle ear in newborn and older infants as a contribution to the pathogenesis and clinical aspects of otitis media in early infancy. Poznan. tow. przyjac. nauk wydz. lek. 31:233-263 '65

WOJCIAK, Wacław

Wacław Wojciak: "Investigations of the Properties and Structure of Paal's Copper Hydrosols. Part II. Electrolytic Conductivity and Electrokinetic Potential." Roczniki Chemii, Vol 30, No. 2, Warsaw, 1956. Published from the Chair of Physical Chemistry, Poznań University, 20 Feb 54.

POLAND/Colloidal Chemistry. Disperse System.

B

Abs Jour: Ref Zhur-Khim., No 1, 1959, 646.

Author : Wojciak W.

Inst :

Title : The Investigation of the Preparation and Structure of Copper According to Paal. I. The Color, Viscosity and Ultramicroscopic Characteristic. II. The Electrolytical Conductance and Electrokinetical Potential.

Orig Pub: Roczn. chem., 1956, 30, N 2, 499-512, 513-526.

Abstract: An effect of aging, UV light and the value of the ratio protective colloid: metal upon color, viscosity (η) and an ultramicroscopic characteristic of hydrosols (HS) according to Paal, containing a protalbinat of Na have been investigated. An aging produces a noticeable change in color of HS in a transmitted as well

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POLAND/Colloidal Chemistry. Disperse System.

B

Abs Jour: Ref Zhur-Khim., No 1, 1959, 646.

as in a reflected light. A greater color intensity is observed at small values of the ratio protective colloid: copper. The η of HS decreases upon an aging as well as upon UV light. By ultramicroscopic investigations an increase in HS dispersion ability upon aging and quit small influence of UV light upon dispersion was established. A conclusion was reached to the fact that a change in HS properties in a course of an aging is mainly connected with an increase of dispersion of those systems and that the processes occurring in HS during aging or under the influence of UV light, are rather of a chemical and not of a physical nature.

II. An influence of the same factors upon a conductance

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POLAND/Colloidal Chemistry. Disperse System.

D

Abs Jour: Ref Zhur-Khim., No 1, 1959, 646.

ζ an an electrokinetical potential (ζ) of HS was investigated. Upon an aging of HS and under an influence of UV light a raise in ζ and diminishing of ζ takes place whereby the changes are particularly noticeable in freshly prepared HS. A destructive action of UV light upon a lyosphere of micelles has been confirmed as well as a resemblance in changes occurring in investigated HS during an aging and under UV light. M. Lipets.

Card : 3/3

31

WOJCIAK, WACLAW

POLAND / Physical Chemistry. Radiation Chemistry, Photochemistry, Theory of Photographic Process.

B-10

Abstr Jour : Ref Zhur - Khim., No 10, 1958, 31829.

Author : Waclaw Wojciak.

Inst : -

Title : Colloid Lead Iodide as Basic Component of Light-Sensitive Emulsions.

Orig Pub : Roczn. chem., 1956, 30, No 3, 989-990

Abstract : The light sensitivity of colloid PbI_2 and the influence of gelatin and $Na_2S_2O_3$ on it were studied. It was established by electrochemical and colorimetric methods that an addition of $Na_2S_2O_3$ influences the rise of the light sensitivity of PbI_2 , especially if $Na_2S_2O_3$ was used together with gelatin. Stable pictures requiring no development were obtained on light-sensitive material prepared with these emulsions. The chemical processes taking place under the influence of light in the emulsions under study are discussed.

Card 1/1

22

WOJCIAK, W.

4
Effect of electrolytes on physicochemical properties of
Paul silver hydrosols. I. Viscosity and electric conduc-
tion. Wacław Wojciak (Univ. Poznań, Poland). *Zeszyty*
Nauk. Univ. Pozn. Mat. Chem. No. 1, 41-52(1957)
(English summary).—Elec. cond., λ , and viscosity, η , were
detd. for solns. of Na protalbuminate and Ag hydrosols
prepd. according to Paul (*Ber.* 35, 2192(1902)) with and
without 0.1N NaCl, Na₂SO₄, Na₂PO₄, BaCl₂, or AlCl₃ addns.
The order of efficacy in raising λ was Na⁺ > Al⁺⁺⁺ > Ba⁺⁺,
and Cl⁻ > SO₄⁻⁻ > PO₄⁻⁻⁻. η behaved inconsistently. λ
and η of older Ag hydrosols were less affected by electrolyte
addns. J. Steck

POLAND / Physical Chemistry. Colloid Chemistry. Dis- B
persed Systems.

Abs Jour: Ref Zhur-Khimiya, No 17, 1958, 56943.

Author : Wojciak Wacław.

Inst : ~~Not given.~~

UNIV. POZNAN, POLAND.

Title : Physico-Chemical Properties of Gold Hydrosols
Protected by Sodium Protalbinian. [sic]

Orig Pub: Roczn. chem., 1957, 31, No 2, 601 - 620.

Abstract: A Au hydrolysis (I) with sodium protalbinian
as a protective colloid was studied. I is
purple in transient light, and purple-black in
reflected light. The color does not vary with
time nor on the irradiation with ultraviolet
light. The viscosity of I first drops and then

Card 1/2